

Figure 1

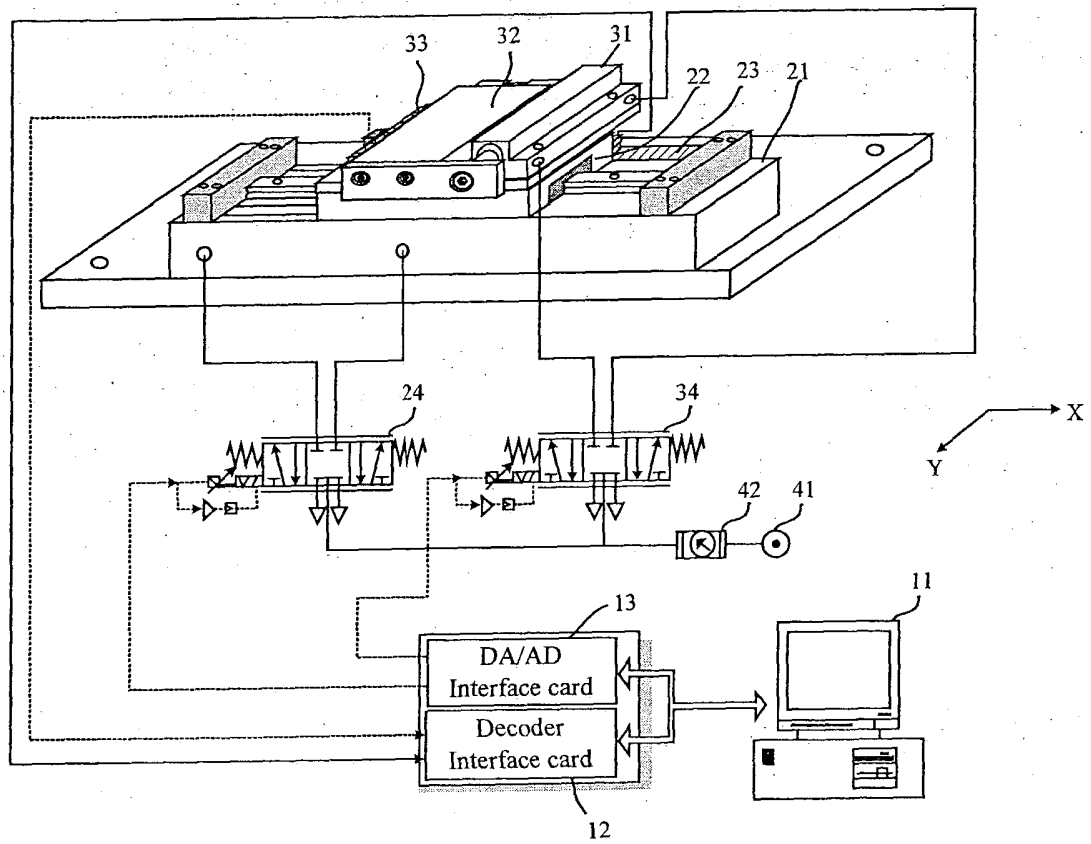
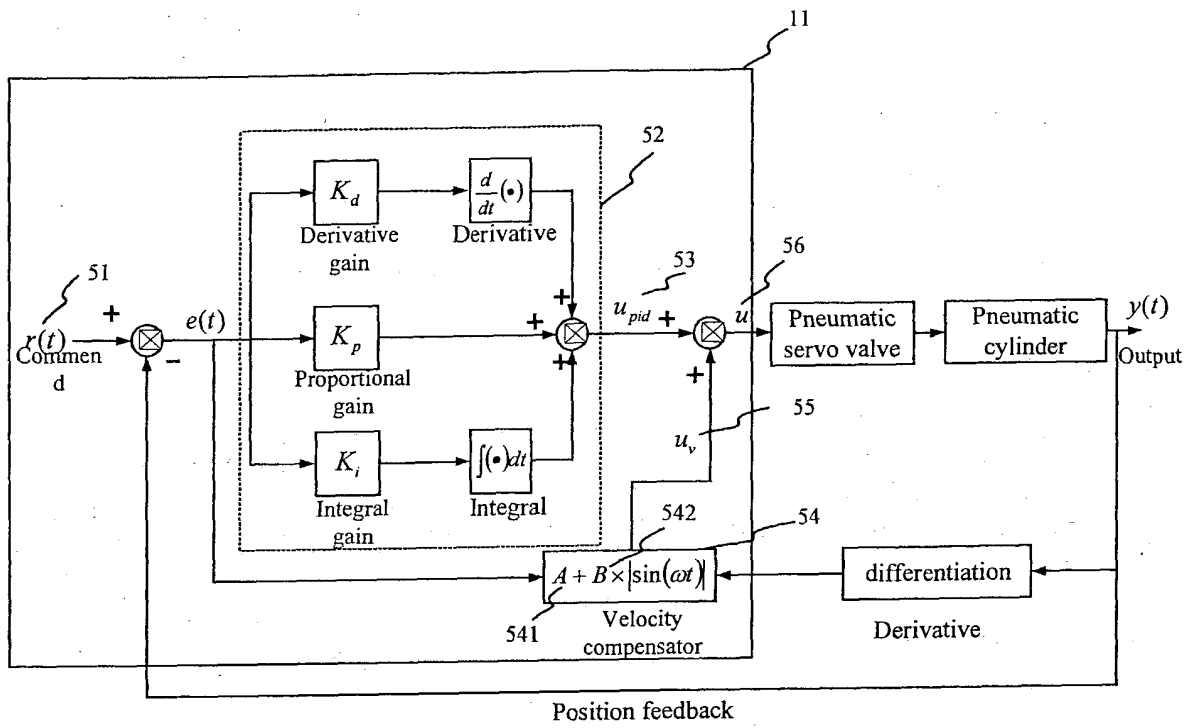


Figure 2



Position feedback

Figure 3

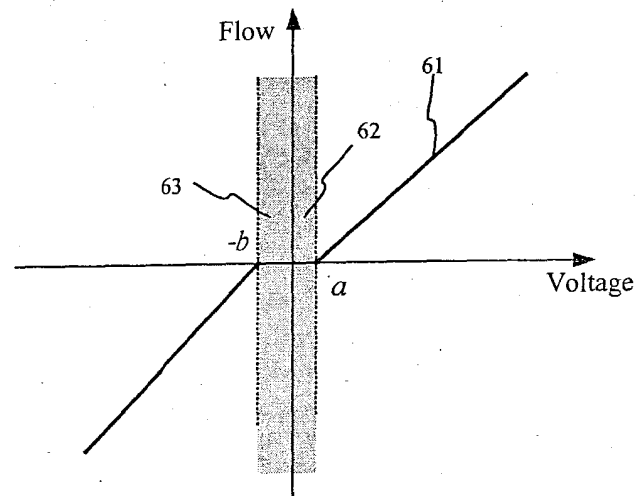


Figure 4

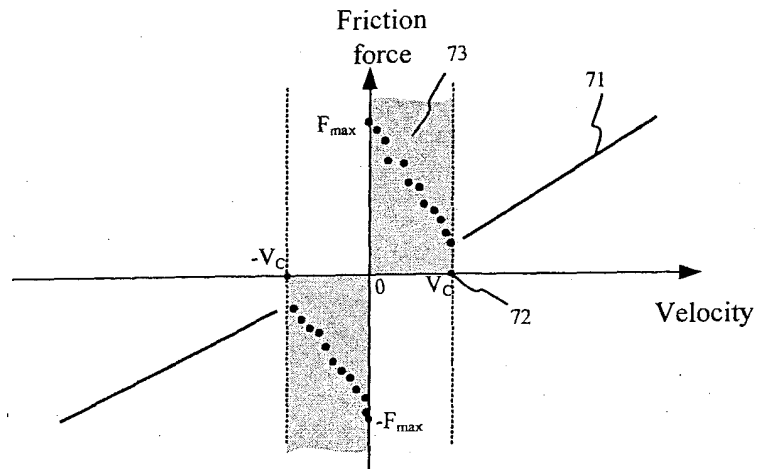


Figure 5

	541 Offset (A)	542 Amplitude (B)	Compensation signal u_v
$e(k) > 0;$ $ V(k) < V_c$	a	543 	$a + B \times \sin(\omega t) $ 551
$e(k) > 0;$ $ V(k) > V_c$	0	0	0
$e(k) < 0;$ $ V(k) < V_c$	$-b$		$-b + B \times \sin(\omega t) $ 552
$e(k) < 0;$ $ V(k) > V_c$	0	0	0

Figure 6

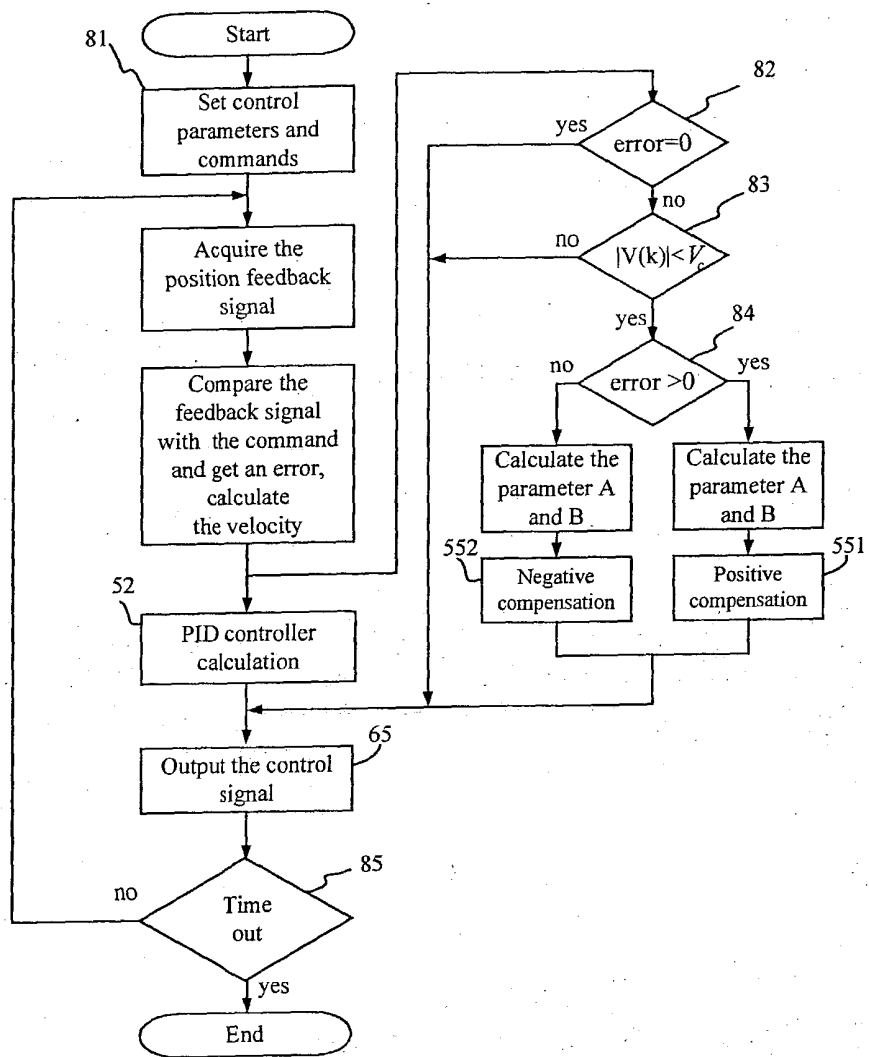


Figure 7

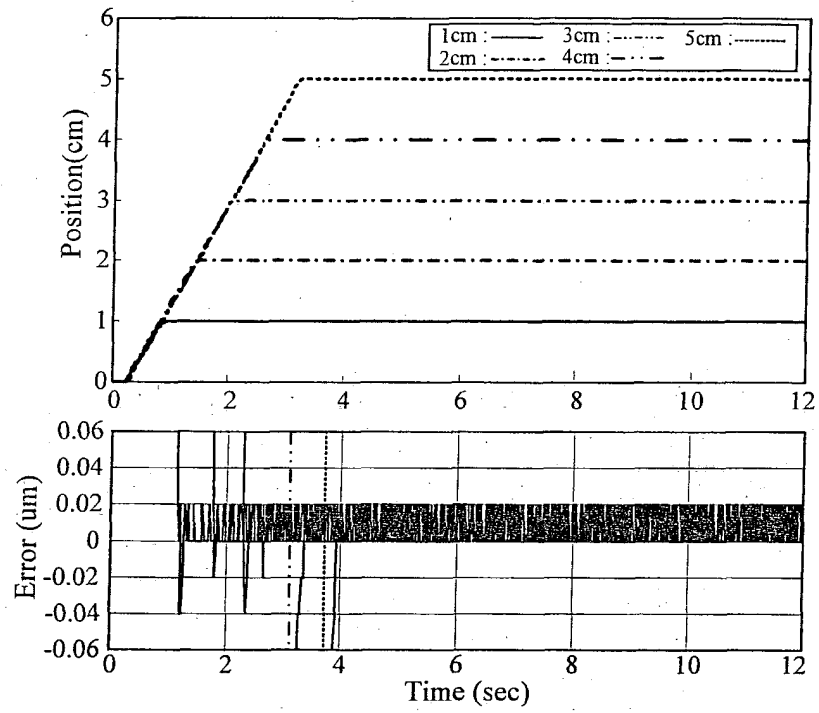


Figure 8

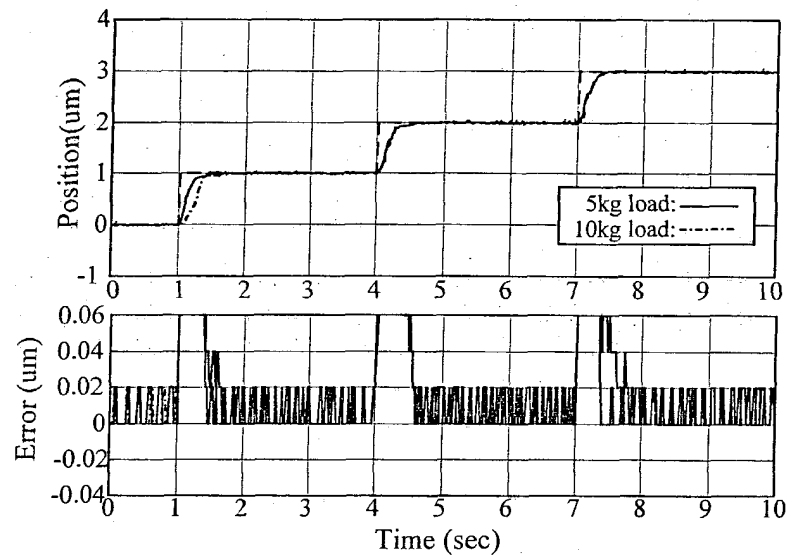


Figure 9